

**PHENIX measurement of dihadron  $\Delta\eta$  correlation in Au+Au collision at 200 GeV**  
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The observation of a long range  $\Delta\eta$  correlation at the near-side has led to many speculations of the underlying physical processes responsible for such novel feature. In general, this is believed to be related to the heating of medium by the jets emitted close to the surface. PHENIX can access this so called "ridge" phenomena in a limited pseudo-rapidity of  $|\Delta\eta| < 0.7$  in Au+Au collisions. Status of this study and the comparison to  $\Delta\phi$  correlation results is presented.

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